- 1 METHOD AND SYSTEM FOR CONTROLLING AND FILTERING FILES USING A
- 2 VIRUS-FREE CERTIFICATE
- 3 ABSTRACT
- 4 The present invention is directed to computer viruses and more
- 5 particularly to a method and system for use in a virus-free
- 6 certificate firewall, of controlling and filtering files using
- 7 a virus-free certificate. An example embodiment of the method
- 8 comprises the steps of: receiving a file; if a virus-free
- 9 certificate (200) is required for the file: determining
- 10 whether the a virus-free certificate is already associated
- 11 with the file; if a virus-free certificate is already
- 12 associated with the file: authenticating the associated
- 13 virus-free certificate, said virus-free certificate comprising
- 14 a certificate signature; if the virus-free certificate is
- 15 authenticated, determining whether the file is virus-free or
- 16 not; if the file is virus-free, forwarding the file with the
- 17 associated virus-free certificate; if the virus-free
- 18 certificate is not authenticated or if no virus-free,
- 19 certificate is associated with the file; determining whether
- 20 the file is virus-free or not, if the file is virus-free,
- 21 associating with the file a new virus-free certificate; and
- 22 forwarding the file with the new virus-free certificate.
- 23 Figure 8